

# Frederick Update

*Presentation by Kristin Komschlies, Ph.D.*

*February 27, 2023*

*For: FNLAC Meeting*

# The NCI's FFRDC – Purpose

- The FFRDC is at the forefront of developing and adapting new technologies and translating basic scientific discoveries into novel agents/approaches/devices for the prevention, diagnosis and treatment of cancer and other diseases, including the Human Immunodeficiency Virus (HIV)/Acquired Immune Deficiency Syndrome (AIDS), SARS-Cov-2 as well as emerging diseases.



# FNLCR – Research/Research Support Capabilities

Advanced Computing  
& Bioinformatics

Animal Science

Assay Development  
& Performance

Bioengineering

Biospecimen  
Processing

Cell Biology

cGMP Production  
Biopharm & Vaccine

Chemistry

Clinical Studies  
Support

Drug Discovery  
& Development

Imaging

IT Infrastructure  
& Operations

Molecular Biology

Nanotechnology

Omics

Pathology

Repositories

Structural Biology

Virology

# Recompetition of the FFRDC Contract

# Recompetition Update - Engagement

<b>ACTIVITY</b>	<b>TIMEFRAME</b>	<b>PURPOSE</b>
Sources Sought Notices	December 2020 and January 2021	Request capability statements from potential small businesses interested in this requirement
Request For Information (RFI)		RFI's are used to gain industry input on potential requirements and terms and conditions.
Industry Day	April 2021	Technical Staff presented information to explain the Government's requirements
Draft Request for Proposals (DRFP)	June 2021 and February 2022	Released two DRFP and allowed for Question and Answers with interested parties
One-on-One Engagements with Interested Parties	Fall of 2021	Gain input and perspective from Industry regarding the requirements and the solicitation.
Pre-Proposal Conference (PPC)	November 2022	Review of the solicitation terms and conditions and detailed review of proposal instructions and how proposals will be reviewed.

# Recompetition Update - Milestones

<b>ACTIVITY</b>	<b>TIME FRAME</b>
Requirements Development	November 2019
Statement of Work Development	July 2020
Engagement with Industry	Jan – Dec 2021
NCI's FFRDC Industry Day	April 2021
Draft Request for Proposal (DRFP1)	June 2021
DRFP2	February 2022
Release Request for Proposal for Full and Open Competition	June 2022
Question and Answers Release	August 2022
Pre-Proposal Conference (PPC)	November 2022
Proposals Due	February 2023

# Organizations that Request Research Support from the FNLCR

## FNLCR: One contract, many constituents

Meeting the most urgent biomedical research needs of the nation

**FNLCR  
performs  
work on  
behalf of**

**NCI Divisions,  
Offices, and  
Centers**

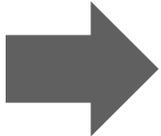
**17**

**NIH Institutes  
and Centers**

*Has supported every  
NIH IC over its history*

**6**

**other federal  
agencies**

**Typically** 

*Changes over time with  
strategic scientific needs  
and demand*

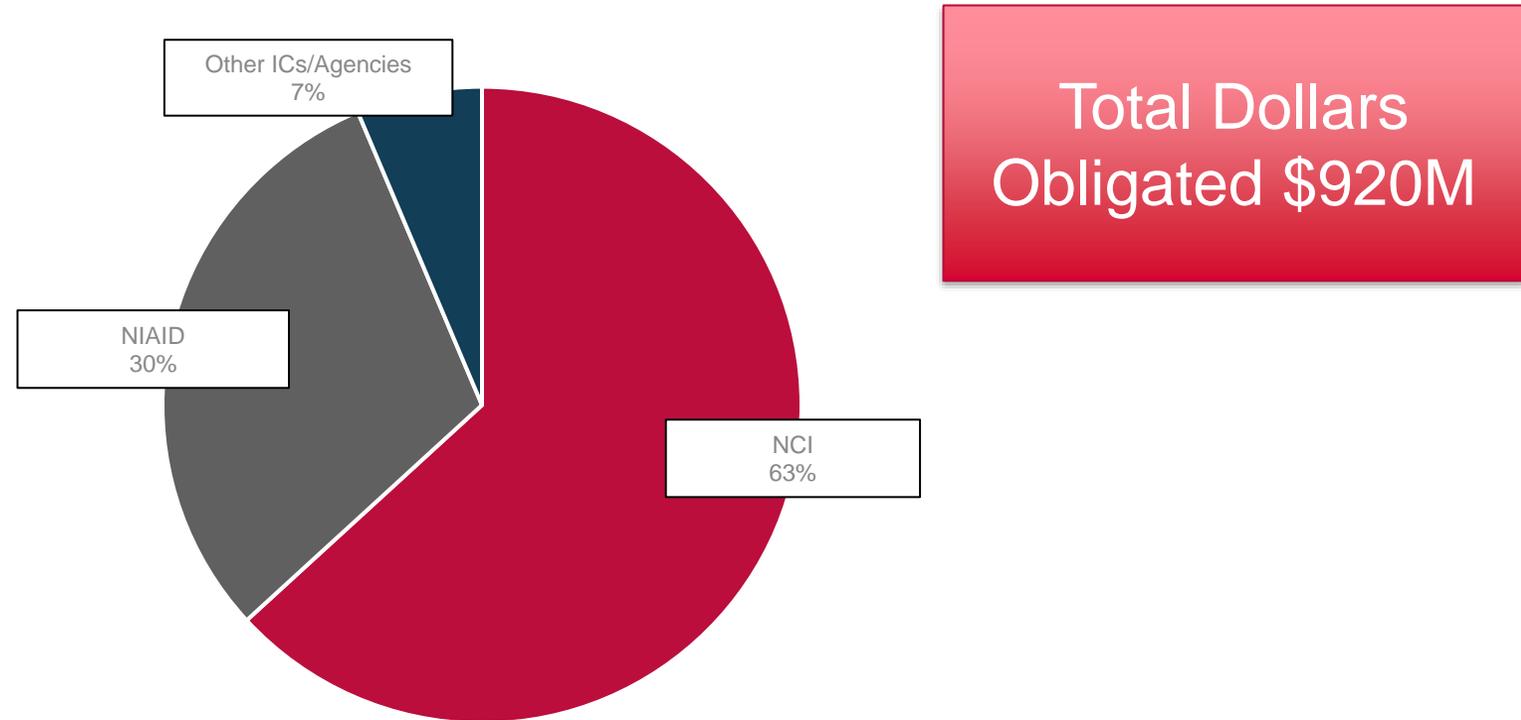
**~70%**

**NCI / cancer  
research**

**~30%**

**other biomedical  
research support**

## Breakout of Dollars by IC/Agency Obligated to the FFRDC Contract 10/1/2021 – 9/30/2022



Amounts shown do not align with federal fiscal years

# Additional FNLCR Resources

# Additional Resources Available to Outside Groups

- Technical Service Agreements

Technical Service Areas	FY22	
	Services Offered	Requests Completed
Genomics/Gene Expression	2	--
Nanotechnology	2	--
HIV/AIDS - SIV	9	10
Preclinical Development	6	--

**FNLCR Partnership Development Office**

URL: [frederick.cancer.gov/collaborations/partnerships/technical-services](https://frederick.cancer.gov/collaborations/partnerships/technical-services)

Email: PDO@nih.gov

- National Cryo-Electron Microscopy Facility (NCEF)

- Utilizes the latest imaging technology to collect high-resolution structural data on proteins

	FY22
Data Collections	200
Unique PIs	54
Acknowledged Publications	28

**National Cryo-EM Facility**

URL: [frederick.cancer.gov/resources/national-cryo-electron-microscopy-facility](https://frederick.cancer.gov/resources/national-cryo-electron-microscopy-facility)

Email: NCI-NCEF@nih.gov

Questions?



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CANCER  
INSTITUTE**

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